

Light efficiency:

67 Lumen/Watt

Light quality:

CRI: 79.9

Color temperature:

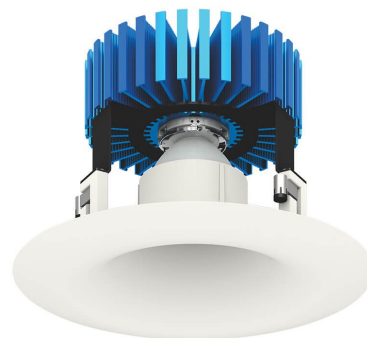
2941 K

Output: 3431 lm

Peak: 6145 cd

Power: 51.4 W

PF: 1.0

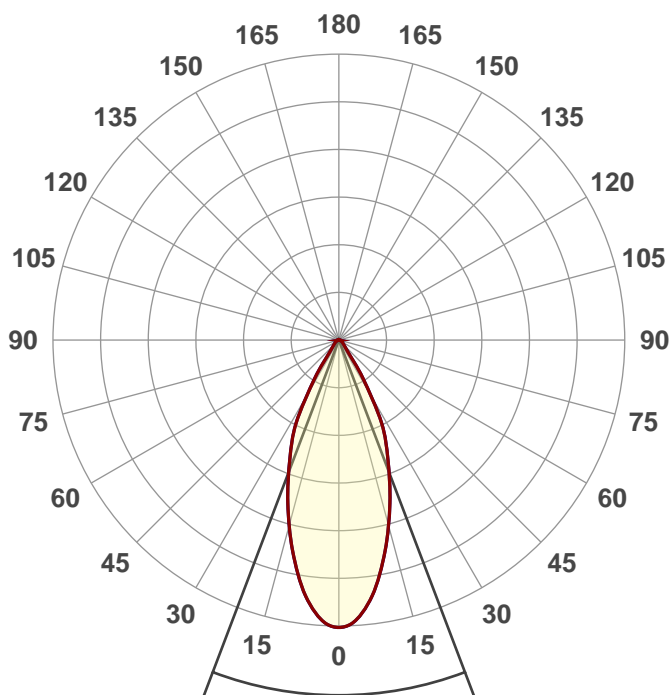


Product name:

621-6INV-XTM19-50LM-30K-83-
DA40-120-DIM10-NC

Date and time:

1/26/2018 2:30:03 PM



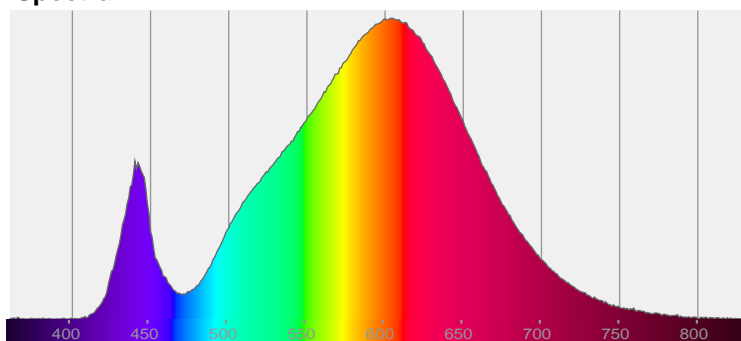
Beam angle

41.6°

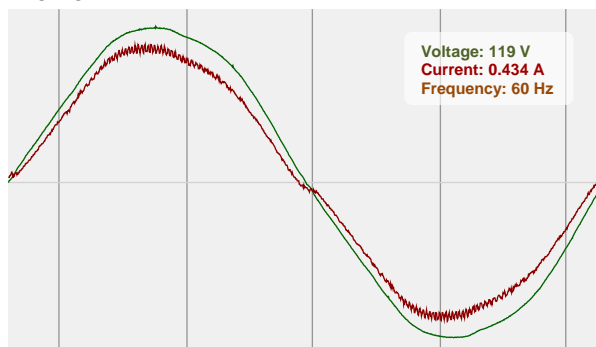


CIE 1931
x: 0.445
y: 0.412

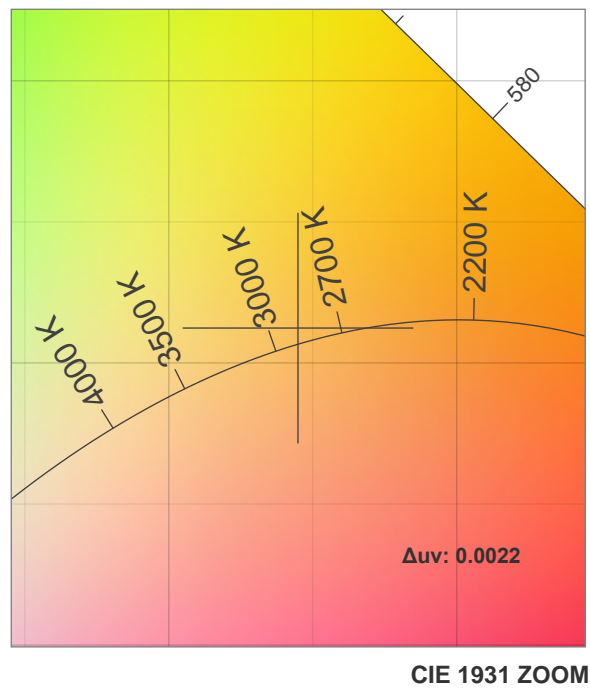
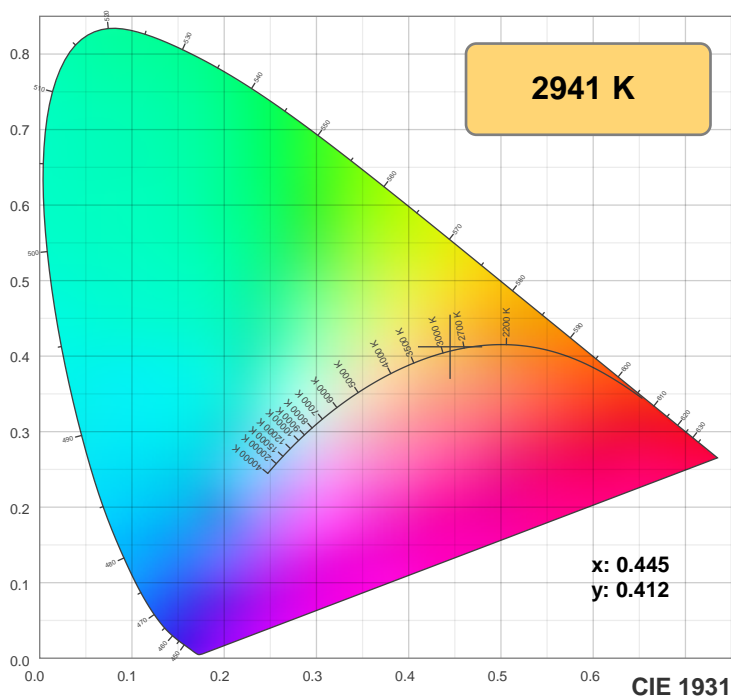
Spectra



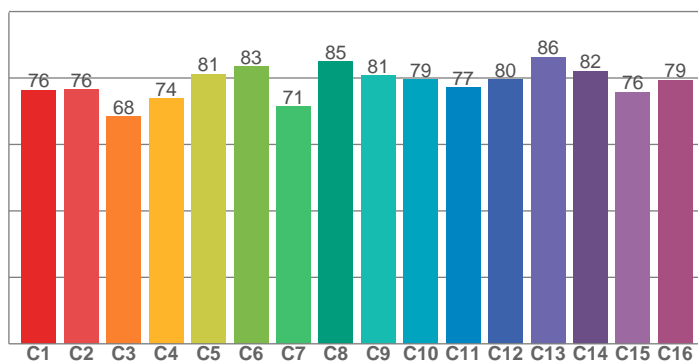
Power



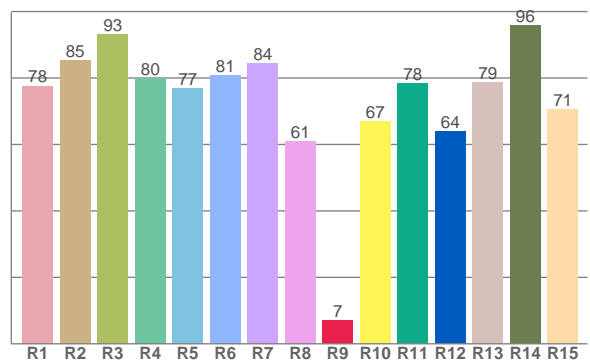
Color details



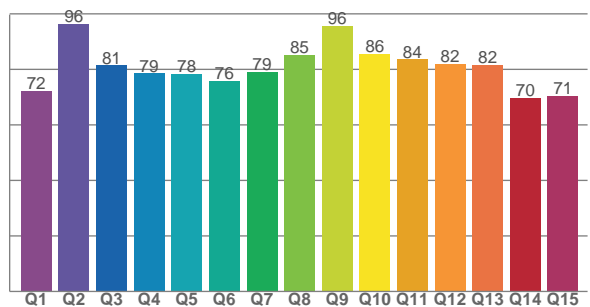
TM30: 78.3



CRI: 79.9 (R1-R8)



CQS: 79.5



CRI R values, only R1-R8 are used to calculate final CRI value

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77.6	85.4	93.1	80.0	76.9	80.9	84.5	60.8	7.2	67.0	78.4	63.9	78.6	95.8	70.6

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
76.4	76.5	68.4	73.9	81.2	83.5	71.4	85.1	80.7	79.5	77.2	79.6	86.3	82.1	75.8	79.4

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
72.3	96.5	81.4	78.5	78.3	75.9	79.0	85.2	95.8	85.6	83.6	82.0	81.5	69.6	70.5

Color parameters

Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2941 K	79.9	7.2	78.3	98.6	79.5	0.445	0.412	0.252	0.351	0.0022

TM30 details

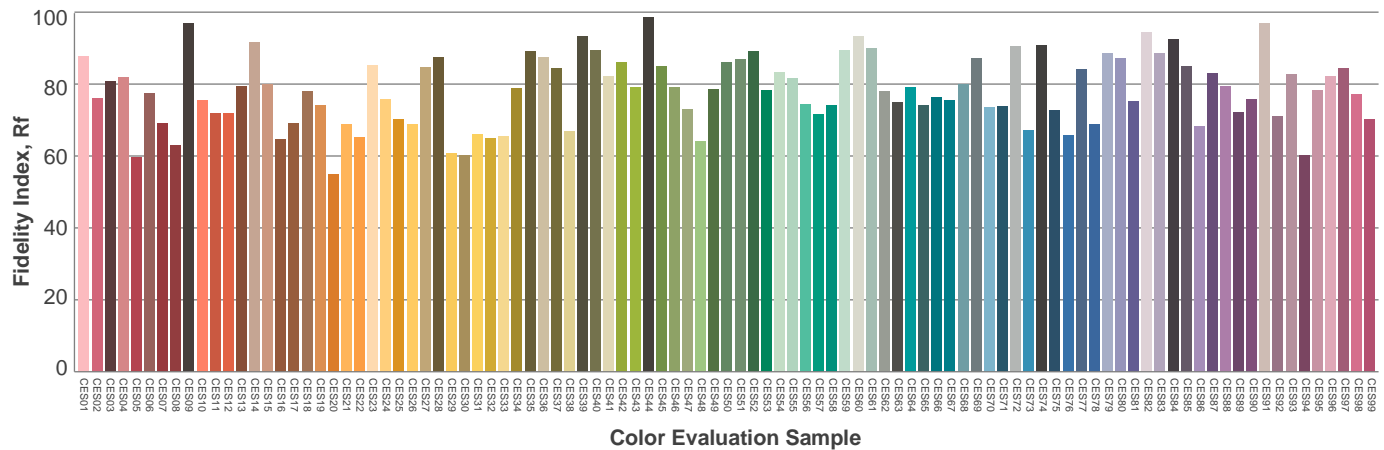
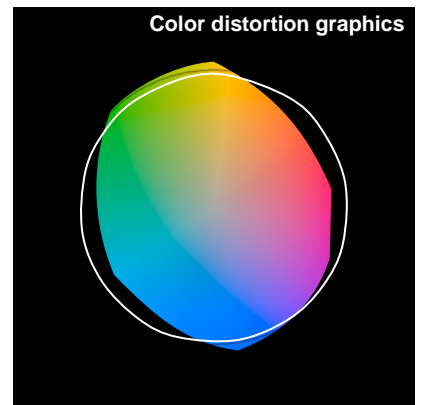
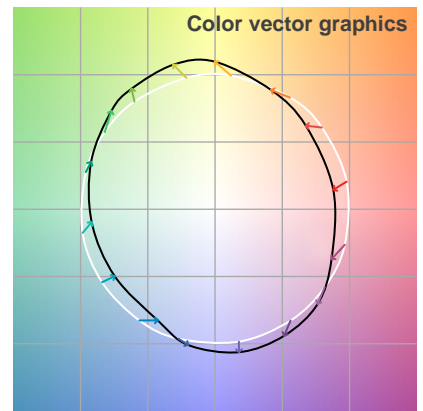
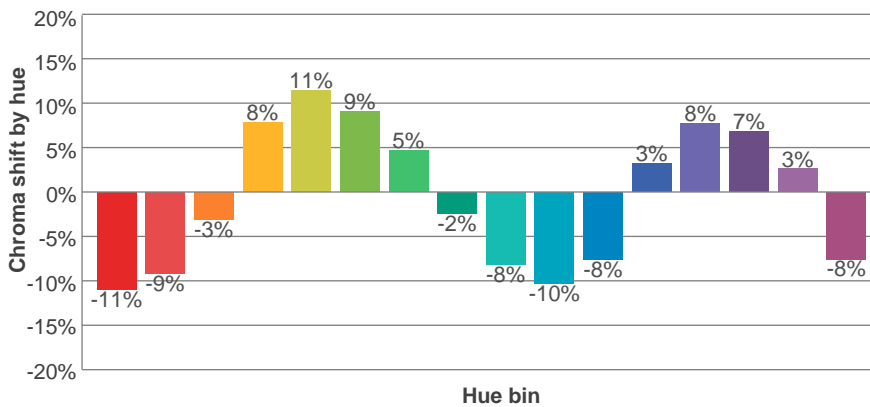
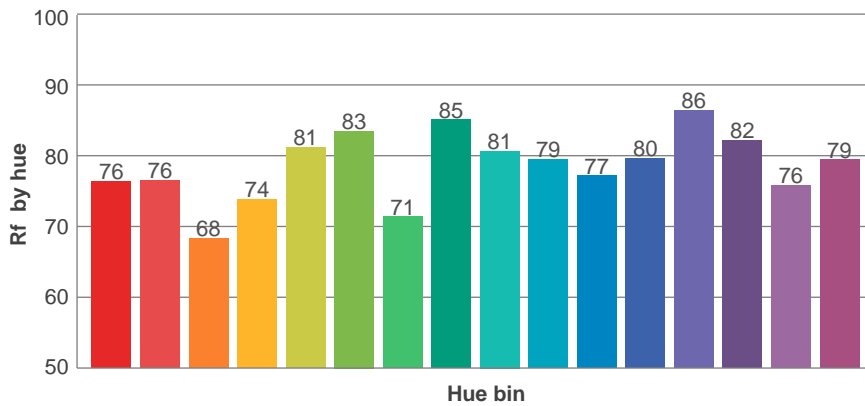
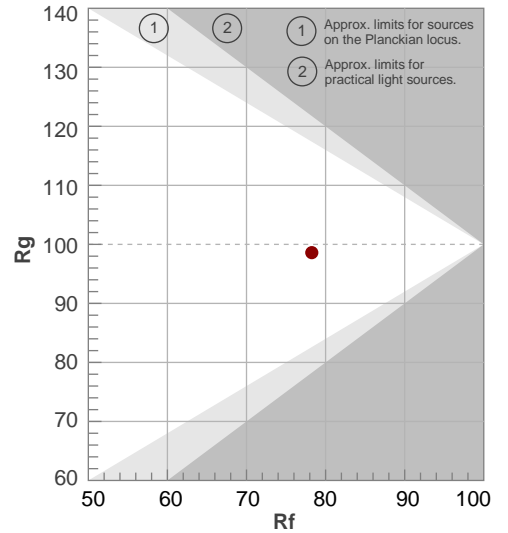
Rf 78.3

Fidelity index R_f

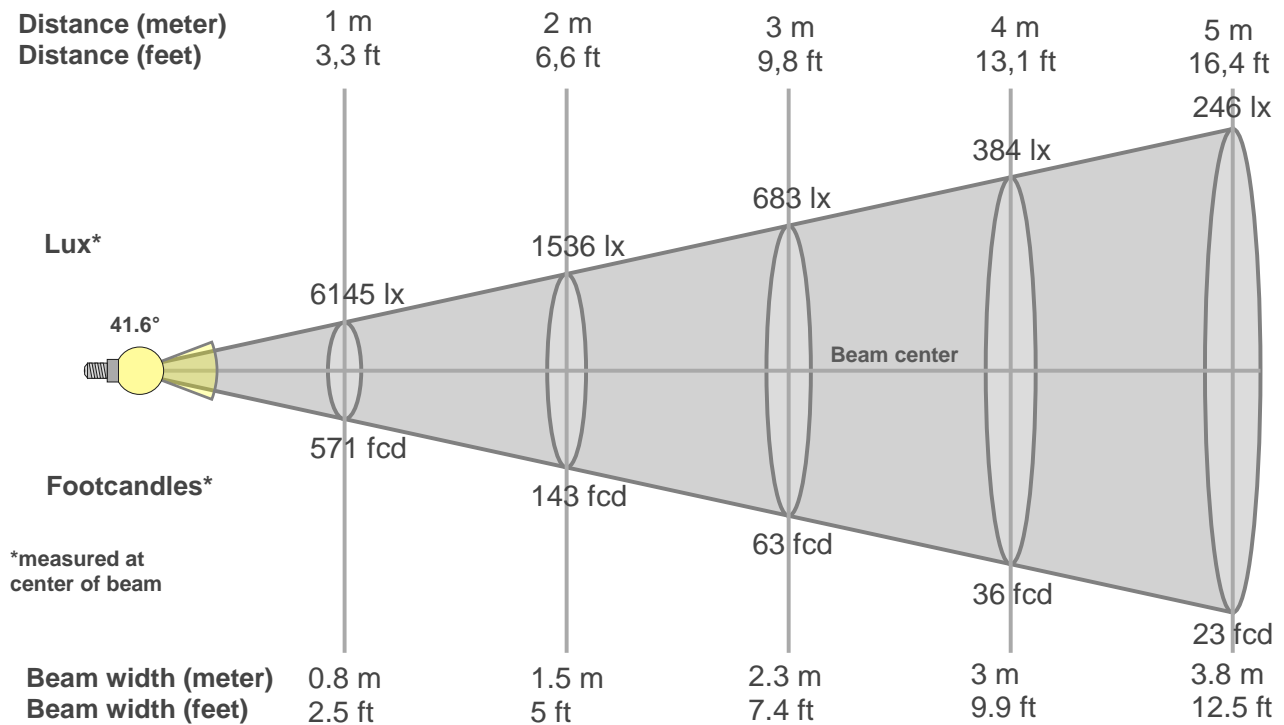
Rg 98.6

Gammut index Rg

		Graphic shifts (%)	
Hue Bin	R_i	Chroma	Hue
1	76	-11%	-4%
2	76	-9%	8%
3	68	-3%	15%
4	74	8%	14%
5	81	11%	8%
6	83	9%	-3%
7	71	5%	-16%
8	85	-2%	-8%
9	81	-8%	-7%
10	79	-10%	2%
11	77	-8%	11%
12	80	3%	8%
13	86	8%	-1%
14	82	7%	-10%
15	76	3%	-13%
16	79	-8%	-12%



Beam details



Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
6145lx	1536lx	683lx	384lx	246lx	171lx	125lx	96lx	76lx	61lx	51lx	43lx	36lx	31lx	27lx	24lx	21lx	19lx	17lx	15lx
570.9fc	142.7fc	63.4fcd	35.7fcd	22.8fcd	15.9fcd	11.7fcd	8.9fcd	7fcd	5.7fcd	4.7fcd	4fcd	3.4fcd	2.9fcd	2.5fcd	2.2fcd	2fcd	1.8fcd	1.6fcd	1.4fcd

Intensities in 0° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
6145	6145	5970	5741	5472	5104	4736	4351	3963	3582	3217	2852	2530	2214	1859	1440	1020	741	478	304
100%	100%	97%	93%	89%	83%	77%	71%	64%	58%	52%	46%	41%	36%	30%	23%	17%	12%	8%	5%

Intensities in 90° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
6145	6145	5970	5741	5472	5104	4736	4351	3963	3582	3217	2852	2530	2214	1859	1440	1020	741	478	304
100%	100%	97%	93%	89%	83%	77%	71%	64%	58%	52%	46%	41%	36%	30%	23%	17%	12%	8%	5%

Intensities in 180° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
6145	6145	5970	5741	5472	5104	4736	4351	3963	3582	3217	2852	2530	2214	1859	1440	1020	741	478	304
100%	100%	97%	93%	89%	83%	77%	71%	64%	58%	52%	46%	41%	36%	30%	23%	17%	12%	8%	5%

Intensities in 270° c-plane

0°	2°	4°	6°	8°	10°	12°	14°	16°	18°	20°	22°	24°	26°	28°	30°	32°	34°	36°	38°
6145	6145	5970	5741	5472	5104	4736	4351	3963	3582	3217	2852	2530	2214	1859	1440	1020	741	478	304
100%	100%	97%	93%	89%	83%	77%	71%	64%	58%	52%	46%	41%	36%	30%	23%	17%	12%	8%	5%

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
41.6°	69.9°	92.2°	98.1%	94.0%